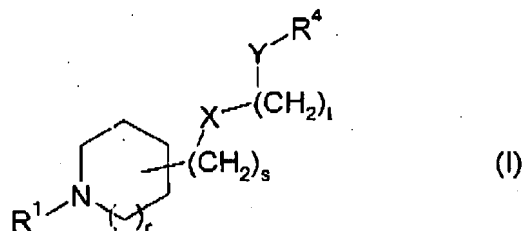


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CLAIM LISTING

1. (Previously presented) A compound of the general formula (I):



wherein

R^1 is

C_{3-8} -cycloalkyl or C_{5-8} -cycloalkenyl,

- wherein the cyclic moieties may optionally be substituted with one or more substituents independently selected from R^{12} , wherein R^{12} is C_{1-6} -alkyl, halogen, trifluoromethyl or 2,2,2-trifluoroethyl,

r is 1,

s is 0, 1, 2 or 3,

t is 0, 1, 2 or 3,

X is $C=O$, $CHOH$ or CR^2R^3 ; wherein R^2 and R^3 independently are hydrogen or C_{1-6} -alkyl, or X is a bond,

Y is selected from the group consisting of oxadiazolyl, thiadiazolyl, or triazolyl, optionally substituted with one or more substituents independently selected from R^{18} ,

R^{18} is halogen, nitro, cyano, hydroxy, C_{1-6} -alkyl, C_{1-6} -alkylthio or C_{1-6} -alkoxy;

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R^4 is

(a) C_{1-6} -alkyl, C_{3-8} -cycloalkyl or C_{3-8} -cycloalkenyl, which may optionally be substituted with one or more substituents independently selected from R^{13} , wherein R^{13} is C_{3-8} -cycloalkyl, C_{1-6} -alkoxy, C_{1-6} -alkylthio, cyano, halo- C_{1-6} -alkyl, halo- C_{1-6} -alkoxy, and halogen,

or

(b) aryl, aryl- C_{1-6} -alkyl, aryl- C_{2-6} -alkenyl, or heteroaryl

which may optionally be substituted with one or more substituents independently selected from R^{14}

R^{14} is

- halogen, nitro, cyano, acyl, hydroxy, C_{1-6} -alkyl, C_{1-6} -alkylthio, C_{1-6} -alkylsulfonyl, C_{1-6} -alkylsulfonyloxy, C_{1-6} -alkoxy, C_{3-8} -cycloalkyl, halo- C_{1-6} -alkyl, halo- C_{1-6} -alkoxy, - NR^5R^6 , R^5R^6N - C_{1-6} -alkyl-, R^5R^6N - C_{1-6} -alkoxy-, or - $O(C=O)NR^5R^6$, or wherein two substituents in adjacent positions together form a radical - $O-(CH_2)_{1-3}-O$ -, wherein R^5 and R^6 independently are hydrogen, C_{1-6} -alkyl, C_{3-8} -cycloalkyl, C_{1-6} -alkanoyl or aryl, or R^5 and R^6 together with the nitrogen atom to which they are attached form a 3 to 7 membered, saturated or unsaturated ring, which may be fused to a benzene ring,

- a group of the formula

- $(W)_k$ -A wherein

W is - C_{1-6} -alkyl-, -(O) $_l$ - C_{2-6} -alkenyl-, -(O) $_l$ - C_{1-6} -alkyl-O-, -(CH $_2$) $_n$ -(C=O)-(CH $_2$) $_m$ -, -O-

wherein

l is 0 or 1

k is 0 or 1

n and m are independently 0, 1, 2 or 3,

A is

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- o aryl, aryl-C₁₋₆-alkyl, heteroaryl, heteroaryl-C₁₋₆-alkyl, C₁₋₆-alkyl or C₃₋₈-cycloalkyl wherein the ring moieties optionally may be substituted with one or more substituents independently selected from R¹⁵
R¹⁵ is
 - halogen, nitro, cyano, hydroxy, C₁₋₆-alkylthio, C₁₋₆-alkylsulfonyl, C₁₋₆-alkylsulfonyloxy, C₁₋₆-alkyl, C₁₋₆-alkoxy, C₃₋₈-cycloalkyl, halo-C₁₋₆-alkyl, halo-C₁₋₆-alkoxy, -NR⁷R⁸, R⁷R⁸N-C₁₋₆-alkyl-, R⁷R⁸N-C₁₋₆-alkoxy-, or -O(C=O)NR⁷R⁸, or wherein two substituents in adjacent positions together form a radical -O-(CH₂)₁₋₃-O-, wherein R⁷ and R⁸ independently are hydrogen, C₁₋₆-alkyl, C₃₋₈-cycloalkyl, C₁₋₆-alkanoyl or aryl, or R⁷ and R⁸ together with the nitrogen atom to which they are attached form a 3 to 7 membered, saturated or unsaturated ring, which may be fused to a benzene ring,
- o NR⁹R¹⁰ wherein R⁹ and R¹⁰ independently are hydrogen, C₁₋₆-alkyl, C₃₋₈-cycloalkyl, C₁₋₆-alkanoyl or aryl, or R⁹ and R¹⁰ together with the nitrogen atom to which they are attached form a 3 to 7 membered, saturated or unsaturated ring, which may be fused to a benzene ring, and the ring may contain further heteroatoms and it may optionally be substituted with one or more substituents independently selected from R¹⁶, wherein R¹⁶ is C₁₋₆-alkyl, C₃₋₈-cycloalkyl, C₁₋₆-alkanoyl or aryl optionally substituted with one or more substituents independently selected from R¹⁷, wherein R¹⁷ is halogen, nitro, cyano, hydroxy, or C₁₋₆-alkyl;

as well as any diastereomer or enantiomer or tautomeric form, mixtures of these, or a pharmaceutically acceptable salt thereof.

2. (Previously presented) A compound according to claim 1, wherein R¹ is C₃₋₈-cycloalkyl.
3. (Currently amended) A compound according to claim 2 ~~Error! Reference source not found.~~ wherein R¹ is cyclopropyl, cyclobutyl, cyclopentyl, or cyclohexyl.

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4. (Currently Amended) A compound according to claim ~~3~~ Error! Reference source not found: wherein R¹ is cyclopropyl or cyclopentyl.

5. Cancelled

6. (Currently amended) A compound according to claim ~~4~~ Error! Reference source not found: wherein R¹ is cyclopropyl.

7. (Original) A compound according to claim 1, wherein X is a bond.

8. (Original) A compound according to claim 1, wherein s and t together are 0, 1, 2 or 3.

9. Cancelled

10. (Original) A compound according to claim 1 wherein s is 0 or 1.

11. (Original) A compound according to claim 10 wherein s is 0.

12. (Original) A compound according to claim 1 wherein t is 0.

13. Cancelled

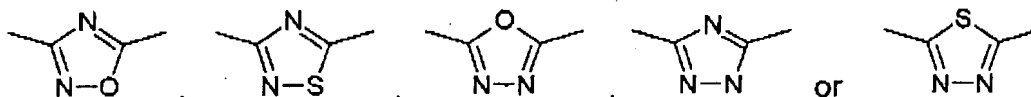
14. Cancelled

15. Cancelled

16. Cancelled

17. Cancelled

18. (Previously presented) A compound according to claim 1, wherein Y is selected from



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19. (Original) A compound according to claim 1, wherein R^4 is aryl, aryl- C_{1-6} -alkyl, either of which may optionally be substituted with one or more substituents independently selected from R^{14} , or C_{3-8} -cycloalkyl optionally substituted with one or more substituents independently selected from R^{13} .

20. (Original) A compound according to claim 19 wherein R^4 is aryl optionally substituted with one or more substituents independently selected from R^{14} .

21. (Original) A compound according to claim 19 wherein R^4 is phenyl, biphenyl, or naphthyl optionally substituted with one or more substituents independently selected from R^{14} .

22. (Original) A compound according to claim 21, wherein R^4 is phenyl optionally substituted with one or more substituents independently selected from R^{14} .

23. (Original) A compound according to claim 1 wherein R^{13} is C_{1-6} -alkyl.

24. (Original) A compound according to claim 1 wherein R^{14} is
halogen, cyano, hydroxy, C_{1-6} -alkyl, C_{1-6} -alkylsulfonyl, C_{1-6} -alkylsulfonyloxy,
 C_{1-6} -alkoxy, C_{3-8} -cycloalkyl, $-CF_3$, $-OCF_3$, $-NR^5R^6$, R^5R^6N - C_{1-6} -alkyl-, or
a group of the formula $-(W)_k-A$.

25. (Original) A compound according to claim 24 wherein R^{14} is
F, Cl, cyano, methyl, ethyl, propyl, butyl, tert-butyl, methyl-sulfonyl,
methylsulfonyloxy, methoxy, ethoxy, cyclopropyl, cyclobutyl, cyclopentyl,
cyclohexyl, $-CF_3$, $-OCF_3$, $-NR^5R^6$, R^5R^6N -methyl-, or
a group of the formula $-(W)_k-A$.

26. (Original) A compound according to claim 25 wherein R^{14} is
F, Cl, cyano, methyl, tert-butyl, methyl-sulfonyl, methoxy, cyclopentyl, cyclohexyl,
 $-CF_3$, $-OCF_3$, $-NR^5R^6$, R^5R^6N -methyl-, or
a group of the formula $-(W)_k-A$.

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27. (Original) A compound according to claim 26 wherein R^{14} is a group of the formula $-(W)_k-A$.

28. (Original) A compound according to claim 1, wherein k is 1.

29. (Original) A compound according to claim 1 wherein k is 0.

30. (Original) A compound according to claim 1 wherein W is $-C_{1-6}$ -alkyl-, $-(O)_l-C_{1-6}$ -alkyl-O-, $-(CH_2)_n-(C=O)-(CH_2)_m-$, or $-O-$.

31. (Original) A compound according to claim 30 wherein W is $-C_{1-6}$ -alkyl- or $-(CH_2)_n-(C=O)-(CH_2)_m-$.

32. (Original) A compound according to claim 31 wherein W is methylene, ethylene, propylene or $-(CH_2)_n-(C=O)-(CH_2)_m-$.

33. (Original) A compound according to claim 1 wherein n is 0 or 1.

34. (Original) A compound according to claim 33 wherein n is 0.

35. (Previously presented) A compound according to claim 1 wherein m is 0 or 1.

36. (Original) A compound according to claim 35 wherein m is 0.

37. (Original) A compound according to claim 1 wherein l is 0.

38. (Original) A compound according to claim 1 wherein A is C_{1-6} -alkyl, aryl or C_{3-8} -cycloalkyl, wherein the ring moieties optionally may be substituted with one or more substituents independently selected from R^{15} , or A is NR^9R^{10} .

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39. (Original) A compound according to claim 38 wherein A is methyl, ethyl, phenyl, cyclopropyl, cyclobutyl, cyclopentyl, or cyclohexyl, wherein the ring moieties optionally may be substituted with one or more substituents independently selected from R^{15} , or A is NR^9R^{10} .

40. (Original) A compound according to claim 39 wherein A is phenyl optionally substituted with one or more substituents independently selected from R^{15} .

41. (Original) A compound according to claim 40 wherein A is phenyl.

42. (Original) A compound according to claim 39 wherein A is NR^9R^{10} .

43. (Original) A compound according to claim 1 wherein R^{15} is halogen, nitro, cyano, hydroxy, C_{1-6} -alkylthio, C_{1-6} -alkylsulfonyl, C_{1-6} -alkylsulfonyloxy, C_{1-6} -alkyl, C_{1-6} -alkoxy, C_{3-8} -cycloalkyl, halo- C_{1-6} -alkyl, or halo- C_{1-6} -alkoxy.

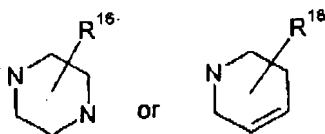
44. (Original) A compound according to claim 43 wherein R^{15} is halogen, cyano, hydroxy, CH_3 -S-, CH_3CH_2 -S-, methylsulfonyl, methylsulfonyloxy, methyl, ethyl, propyl, butyl, isopropyl, methoxy, ethoxy, cyclopropyl, cyclobutyl, cyclopentyl, or cyclohexyl, $-CF_3$, or $-OCF_3$.

45. (Original) A compound according to claim 44 wherein R^{15} is halogen, methyl, ethyl, methoxy, ethoxy, $-CF_3$, or $-OCF_3$.

46. (Original) A compound according to claim 1 wherein R^9 and R^{10} together with the nitrogen atom to which they are attached form a 3 to 7 membered, saturated or unsaturated ring, which may be fused to a benzene ring, and the ring may contain further heteroatoms and it may optionally be substituted with one or more substituents independently selected from R^{16} .

47. (Original) A compound according to claim 46 wherein R^9 and R^{10} together with the nitrogen atom to which they are attached form a structure selected from

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48. (Original) A compound according to claim 1 wherein R¹⁶ is methyl, ethyl, 1-ethyl-propyl or phenyl optionally substituted with one or more substituents independently selected from R¹⁷.

49. (Original) A compound according to claim 1 wherein R¹⁷ is halogen.

50. (Original) A pharmaceutical composition comprising, as an active ingredient, at least one compound according to claim 1 together with one or more pharmaceutically acceptable carriers or excipients.

51. (Currently amended) A pharmaceutical composition according to claim 50 in unit dosage form, comprising from about 0.05 mg to about 1000 mg, ~~preferably~~ from about 0.1 mg to about 500 mg or ~~and especially preferred~~ from about 0.5 mg to about 200 mg of the compound.

52. (Original) A pharmaceutical composition according to claim 50 wherein the compound exhibits histamine H3 antagonistic activity or histamine H3 inverse agonistic activity.

53. Cancelled

54. Cancelled

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62. Cancelled

63. Cancelled

64. Cancelled

65. Cancelled

66. Cancelled

67. Cancelled